

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, December 7th, 1897.  
J. V. O'LOGLIN, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of October, 1892-97.

Years .....	1892.	1893.	1894.	1895.	1896.	Average of Five Years.	1897.											Total for 1897.
*Population, Oct. 1st	327,758	338,724	343,460	349,115	351,316		353,319											
Births.....	828	859	885	863	795	846	750											8,006
Rate per cent. ....	·253	·254	·258	·247	·226	—	·212											
							All Ages.	Under 1 year.	1 and under 5.	5 and under 20	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not state d.	+Coroners' Inquiries.	+Uncerti- fied causes of Death.	
<i>Deaths—</i>																		
All causes .....	228	381	292	351	275	305	247	50	17	30	36	38	60	16	—	27	9	3,109
Rate per cent ....	·070	·112	·085	·101	·078	—	·070	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	12	85	26	40	24	—	10	5	2	3	—	—	—	—	—	—	—	
II. Parasitic .....	—	1	2	2	1	—	1	—	—	—	1	—	—	—	—	—	—	
III. Dietic .....	—	—	2	2	—	—	2	1	—	—	1	—	—	—	—	—	—	
IV. Constitutional..	45	59	47	72	63	—	52	2	1	7	20	11	11	—	—	—	—	
V. Developmental..	35	40	36	42	28	—	25	7	—	—	—	—	6	12	—	—	—	
VI. Local .....	103	159	148	163	126	—	124	19	11	13	12	24	41	4	—	—	—	
VII. Violence .....	17	19	16	15	23	—	17	3	2	7	2	2	1	—	—	—	—	
VIII. Ill-defined and not specified causes .....	16	18	15	15	10	—	16	13	1	—	—	1	1	—	—	—	—	

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.  
+ Including inquests.  
‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of October, 1897.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			V.			Diseases of locomotive system .....	2	2
Measles .....	—	—	Premature birth.....	7	—	Diseases of integumentary system.....	—	—
Scarlet fever .....	—	—	Cyanosis .....	—	—	VII.		
Relapsing fever .....	—	—	Congenital defects .....	—	—	(Accident.)		
Influenza ..	1	—	Old age .....	—	18	Fracture and contusion....	—	2
Whooping-cough .....	—	—	VI.			Gunshot wound .....	—	1
Diphtheria .....	—	3	Apoplexy .....	—	4	Cut, stab .....	—	—
Simple and ill-defined fever..	—	—	Epilepsy .....	—	—	Burn and scald .....	—	2
Enteric fever .....	—	2	Convulsions .....	4	2	Poison .....	—	—
Simple cholera .....	—	—	Other diseases of brain and nervous system .....	—	16	Drowning .....	—	3
Diarrhoea, dysentery.....	2	—	Diseases of organs of special sense .....	—	—	Suffocation .....	—	1
Remittent fever .....	—	—	Diseases of circulatory system .....	1	31	Otherwise .....	2	—
Venereal affections.....	1	—	Croup .....	—	1	(Homicide.)		
Erysipelas .....	1	—	Bronchitis .....	1	4	Murder and manslaughter..	1	—
Pyæmia and septicæmia ....	—	—	Pneumonia .....	4	13	(Suicide.)		
Puerperal fever .....	—	—	Pleurisy .....	1	3	Gunshot wound .....	—	1
Other zymotic diseases .....	—	—	Other diseases of respiratory system.....	—	1	Cut, stab .....	—	—
II.			Dentition .....	2	—	Poison .....	—	1
Thrush .....	—	1	Quinsy, sore throat .....	—	—	Drowning .....	—	1
Worms and other parasitical diseases .....	—	—	Enteritis .....	2	4	Hanging .....	—	2
III.			Peritonitis .....	—	3	Otherwise .....	—	—
Privation—want of breast milk	1	—	Diseases of liver.....	—	2	(Execution.)		
Alcoholism .....	—	1	Other diseases of digestive system.....	2	5	Hanging .....	—	—
IV.			Diseases of lymphatic system and of ductless glands .....	—	1	VIII.		
Rheumatic fever and rheumatism of heart .....	—	—	Diseases of urinary system .....	—	10	Dropsy .....	—	1
Rheumatism .....	—	—	Diseases of generative system .....	—	1	Debility, atrophy, inanition	10	1
Gout .....	—	—	Accidents of childbirth....	—	2	Mortification .....	—	—
Cancer, malignant disease ....	—	12				Tumor .....	—	—
Tabes mesenterica .....	1	1				Abscess .....	1	—
Tubercular meningitis .....	1	5				Hæmorrhage .....	—	—
Phthisis .....	—	29				Sudden, cause unascertained	—	—
Scrofula, tuberculosis .....	—	—				Other ill-defined and not specified causes .....	2	1
Other constitutional diseases..	—	3						

Return of Births and Deaths registered in the City of Adelaide in the Month of October, 1892-97.

Years .....	1892.	1893.	1894.	1895.	1896.	Average of Five Years.	1897.												Total for 1897.
Population, Jan. 1st	38,240	39,073	39,749	40,167	40,406		40,384												
Births .....	100	95	88	108	98	98	78												921
Rate per cent.....	·262	·243	·221	·269	·243	—	·193												
Deaths—							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries.	+Uncerti- fied causes of death.		
All causes .....	47	75	61	80	56	64	51	4	4	5	8	11	15	4	—	6	—	685	
Rate per cent.....	·123	·192	·153	·199	·139	—	·126	—	—	—	—	—	—	—	—	—	—		
Diseases—																			
I. Specific Febrile or Zymotic ..	3	12	3	8	5	—	1	1	—	—	—	—	—	—	—	—	—		
II. Parasitic .....	—	1	1	—	1	—	1	—	—	—	1	—	—	—	—	—	—		
III. Dietic .....	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
IV. Constitutional ..	10	19	13	19	14	—	8	—	—	—	4	3	1	—	—	—	—		
V. Developmental...	6	8	6	11	7	—	8	1	—	—	—	—	3	4	—	—	—		
VI. Local .....	19	24	34	40	21	—	26	—	3	3	2	7	11	—	—	—	—		
VII. Violence .....	3	5	1	2	8	—	5	1	—	2	1	1	—	—	—	—	—		
VIII. Ill-defined and not specified causes ....	6	6	2	—	—	—	2	1	1	—	—	—	—	—	—	—	—		

\* Including inquests.

+ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of October, 1897.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula, tuberculosis ....	—	—	Accidents of childbirth ....	—	1
Measles .....	—	—	Other constitutional diseases	—	—	Diseases of locomotive system	—	1
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	1	—	VII. (Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	—	—	Fracture and contusion ....	—	1
Diphtheria .....	—	—	Congenital defects .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever ..	—	—	Old age .....	—	7	Cut, stab .....	—	—
Enteric fever .....	—	—				Burn and scald .....	—	—
Simple cholera .....	—	—	VI.			Poison .....	—	—
Diarrhœa, dysentery .....	—	—	Apoplexy .....	—	2	Drowning .....	—	—
Remittent fever .....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Venereal affections .....	1	—	Convulsions .....	—	1	Otherwise ..	—	—
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	—	3	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Diseases of organs of special sense .....	—	—	Murder and manslaughter..	1	—
Puerperal fever .....	—	—	Diseases of circulatory system	—	8	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	—
II.			Bronchitis .....	—	1	Cut, stab .....	—	—
Thrush .....	—	—	Pneumonia .....	—	1	Poison .....	—	1
Worms and other parasitical diseases .....	—	1	Pleurisy .....	—	1	Drowning .....	—	1
III.			Other diseases of respiratory system .....	—	1	Hanging .....	—	1
Privation—want of breast milk	—	—	Dentition .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	—	Quinsy, sore throat .....	—	—	(Execution)		
IV.			Enteritis .....	—	—	Hanging .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	—	Peritonitis .....	—	1	VIII.		
Rheumatism .....	—	—	Diseases of liver .....	—	—	Dropsy .....	—	—
Gout .....	—	—	Other diseases of digestive system .....	—	1	Debility, atrophy, inanition	1	1
Cancer, malignant disease ..	—	3	Diseases of lymphatic sys- tem and of ductless glands	—	1	Mortification .....	—	—
Tabes mesenterica .....	—	1	Diseases of urinary system	—	3	Tumor .....	—	—
Tubercular meningitis .....	—	—	Diseases of generative system	—	—	Abscess .....	—	—
Phthisis .....	—	4				Hæmorrhage .....	—	—
						Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes .....	—	—



*Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of October, 1892-7.*

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st, 1897.....	40,384	6,289	7,028	8,551	9,887	3,679	4,950
Persons to an acre .....	11.1	11.0	10.7	15.5	13.8	7.7	7.6
Births .....	78	13	22	19	17	5	2
Male .....	43	7	12	8	12	2	2
Female .....	35	6	10	11	5	3	—
Deaths .....	42	7	7	6	9	6	7
Male .....	24	6	2	4	6	3	3
Female .....	18	1	5	2	3	3	4
CLASSES.							
I. Specific Febrile or Zymotic Diseases.....	1	—	—	—	1	—	—
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases.....	—	—	—	—	—	—	—
IV. Constitutional Diseases .....	8	2	2	2	2	—	—
V. Developmental Diseases .....	7	3	—	1	—	1	2
VI. Local Diseases .....	20	1	4	2	5	4	4
VII. Violence.....	4	—	1	1	1	1	—
VIII. Ill-defined and not specified causes .....	2	1	—	—	—	—	1
Percentage of Deaths to population of each Ward .....	.104	.111	.100	.071	.091	.163	.141

*Causes of Deaths registered in the Month of October, 1897.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis.....	—	4	Accidents of childbirth ....	—	1
Measles .....	—	—	Scrofula, tuberculosis .....	—	—	Diseases of locomotive system .....	—	1
Scarlet fever .....	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—						
Influenza .....	—	—	V.			VII.		
Whooping-cough .....	—	—	Premature birth .....	1	—	(Accident.)		
Diphtheria .....	—	—	Cyanosis .....	—	—	Fracture and contusion ....	—	1
Simple and ill-defined fever ..	—	—	Congenital defects .....	—	—	Gunshot wound .....	—	—
Enteric fever .....	—	—	Old age .....	—	6	Cut, stab .....	—	—
Simple cholera .....	—	—				Burn and scald .....	—	—
Diarrhoea, dysentery .....	—	—	VI.			Poison .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	2	Drowning .....	—	—
Venereal affections.....	1	—	Epilepsy .....	—	—	Suffocation .....	—	—
Erysipelas .....	—	—	Convulsions .....	—	1	Otherwise .....	—	—
Pyæmia and septicæmia ....	—	—	Other diseases of brain and nervous system.....	—	1	(Homicide.)		
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	Murder and manslaughter ..	1	—
Other zymotic diseases .....	—	—	Diseases of circulatory system	—	7	(Execution)		
			Croup .....	—	—	Hanging .....	—	—
II.			Bronchitis .....	—	1	(Suicide.)		
Thrush .....	—	—	Pneumonia .....	—	—	Gunshot wound .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	—	Cut, stab .....	—	—
			Other diseases of respiratory system .....	—	1	Poison .....	—	—
III.			Dentition .....	—	—	Drowning .....	—	1
Privation — Want of breast milk.....	—	—	Quinsy, sore throat .....	—	—	Hanging .....	—	1
Alcoholism .....	—	—	Enteritis .....	—	—	Otherwise .....	—	—
			Peritonitis .....	—	1			
IV.			Diseases of liver .....	—	—	VIII.		
Rheumatic fever and rheu- matism of heart .....	—	—	Other diseases of digestive system .....	—	1	Dropsy .....	—	—
Rheumatism .....	—	—	Diseases of lymphatic system and of ductless glands....	—	1	Debility, atrophy, inanition	1	1
Gout .....	—	—	Diseases of urinary system ..	—	2	Mortification.....	—	—
Cancer, malignant disease ..	—	3	Diseases of generative system	—	—	Tumor .....	—	—
Tabes mesenterica .....	—	1				Abscess .....	—	—
Tubercular meningitis .....	—	—				Hæmorrhage .....	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not spe- cified causes .....	—	—

G. H. AYLIFFE, Registrar of Births and Deaths.

## OCTOBER, 1897.

The highest temperature in the shade at the Adelaide Observatory during the month was  $90^{\circ}\cdot7$  on the 27th; and the lowest,  $41^{\circ}\cdot0$ , on the 9th. The mean temperature of the month was  $60^{\circ}\cdot4$ .

The greatest range of the thermometer in one day,  $37^{\circ}\cdot8$ , took place on the 27th, viz., from a maximum of  $90^{\circ}\cdot7$  to a minimum of  $52^{\circ}\cdot9$ ; the lowest range,  $10^{\circ}\cdot2$ , on the 14th.

The mean height of the barometer was 29.803 inches; the maximum, 30.083 inches, occurred on the 29th; and the minimum, 29.340 inches, on the 8th.

Observatory, Adelaide, November 2nd, 1897.

C. TODD, Observer.